



ServSelect III VM



Features

- Flash upgradable.
- Rackmount kit included.
- PC, Sun, Mac, and serial device support.
- Access up to 16 servers and network devices. Daisychain units to control up to 256 servers!
- ServSelect III Cables simplify installation, cut cable clutter, and reduce bulk cable costs.
- Convenient on-screen menus.
- Choose from three operation modes.

The ServSelect III VM's built-in Virtual media (VM) feature adds a new dimension to KVM switching. Instead of just connecting to servers, you can now share directly connected USB compatible media storage devices—CDs, flash drives, external hard drives—with all servers connected to the switch!

For example, connect a USB 2.0 media storage device to one of the nine USB ports on the switch and use that device as if it were connected directly to any attached server. Users can view, move, or copy data on a virtual media-enabled USB device to and from any server attached to the ServSelect III VM.

Connect media storage devices to the switch with our ServSelect III VM Virtual Media Modules. Order one for each switch-to-device connection.

It enables a pair to switch and share.

With the ServSelect III VM, two users can access, control, switch between, troubleshoot, and reboot up to 16 servers. Additionally, you can cascade up to 16 ServSelect III VM units to control up to 256 servers in your system!

Manage switching à la mode.

Intuitive on-screen menus enable you to configure your system and select servers and other switches. You can easily identify each server by a unique name, ID number, or port number.

Three operational modes enable you to manage your switching activities: Scan, Broadcast, and Switch.

In Scan mode, the ServSelect III VM sequentially displays the status of up to 16 servers on-screen. You select which servers are scanned in a sequence and the how many seconds each is displayed.

In Broadcast mode, a user can simultaneously control more than one server to ensure that all selected servers receive the same input.

In Switch mode, either user can select and share any server at any time.

Keep-alive power safeguards, password protection, and more.

BIOS-level access ensures connection to the attached servers, regardless of the servers' health or their operating system. What's more, the ServSelect III VM's keep-alive safeguard enables the attached servers to continue functioning even if the switch experiences a power failure.

Protect your system with a screen-saver password for each user. When a user station is unused for a period of time, the monitor enters a screen-saving mode and can only be unlocked by typing a password.

The ServSelect III VM is also flash upgradable. Update your firmware by using the switch's simple update utility.

DDC video support for your system.

The ServSelect III VM supports Display Data Channel (DDC) Plug-and-Play, which autoconfigures the monitor and is compliant with the VESA DDC2B standard. Although the system adjusts automatically to video parameters, you can also fine-tune images manually and set refresh and frame rates. You get 1280 x 1024 resolution for analog VGA, SVGA, and XGA when you connect a control station to the ServSelect III VM with a 10-foot (3.0-m) cable. Keep in mind that the longer the cable, the lower the resolution. For example, resolution is a maximum of 800 x 600 when the connection is 50 feet (15.2 m).

Connect to multiplatform servers.

To connect VT100 serial devices, PS/2, USB, or Sun servers to your ServSelect III VM, order our ServSelect Server Access Modules (SAMs). Powered by their connected servers, the modules "keep alive" even if the switch loses power. Order one for each switch-to-server connection.

The modules feature built-in KVM connectors. All you need is CAT5/5e/6 cable to link your ServSelect III VM with these modules. All ServSelect SAMs are flash upgradable to keep your system up to date.

Make simple server connections.

Make connections to individual servers with nonflashable ServSelect III Cables. These CAT5 cables provide keyboard, video, and mouse connectivity. Simply connect a cable's RJ-45 end to your ServSelect III VM and the other end to your server.

Specifications

Mice Supported — IBM Scrollpoint®, Kensington® 4-button, Logitech® Marble® FX, Logitech MouseMan® Wheel, Logitech TrackMan® Marble Wheel, Microsoft® IntelliMouse®, Microsoft Explorer Operating Environment — Temperature: 32 to 122° F (0 to 50° C);

Humidity: 20 to 80% noncondensing

Resolution (Maximum) — 1280 x 1024 at 75 Hz

Servers Supported — IBM PC/AT®, PS/2, and compatibles

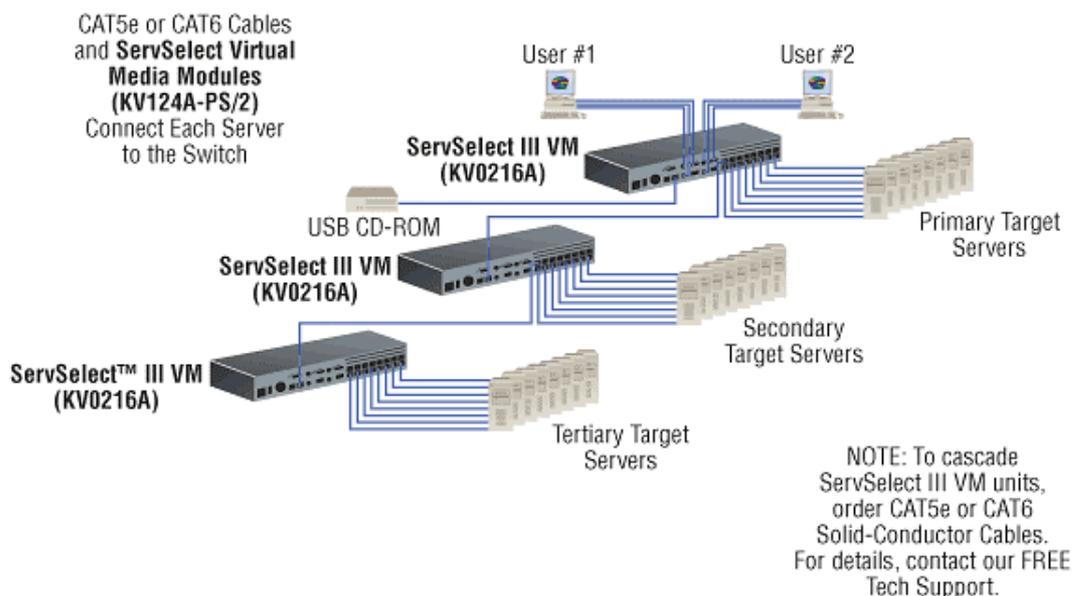
Video Supported — DDC2B, VGA

CE Approval — Yes

Connectors — Analog users:

Keyboard and mouse: (4) 6-pin mini DIN F;
 Video: (2) HD15 F;
 USB media devices: (9) USB 2.0 Type A F;
 Servers: (16) RJ-45;
 Interconnect: (1) RJ-45;
 Serial port: (1) DB9 M (RS-232) for Flash-ROM upgrades;
 Power: (1) IEC 320
 Power — 100 to 240 VAC, 50/60 Hz, autosensing
 Size — 1.75"H (1U) x 17"W x 11"D (4.4 x 43.2 x 27.9 cm)
 Weight — 8 lb. (3.6 kg)

Application Diagram



Buying Tips

NOTE: To cascade ServSelect III VM units, order CAT5e or CAT6 Solid-Conductor Cables.

NOTE: The VT100 Style Server Access Module (KV123A) requires a (PS123A) power supply.

NOTE: USB VM Devices can't be cascaded.

NOTE: Order one ServSelect III Cable for each switch-to-server connection—the USB or PS/2 KVM connectors are already built in! It's available in three lengths.

NOTE: ServSelect III Cables support KVM connections only. For VM connections, order ServSelect Virtual Media Modules. For details, contact our FREE Tech Support.

NOTE: US versions have order code KV0216A, international versions KV0216E.

Ordering Information

ServSelect™ III VM KVM Switch	Code #	
2 Users x 16 Ports	KV0216E	
For servers supporting virtual media, order by keyboard and mouse type...		
ServSelect Virtual Media Modules	Code #	
Flashable		
PS/2® Style ([1] RJ-45 Male, [2] 6-Pin Mini DIN Male, [1] USB Type A Male)	KV124A-PS/2	
USB Style ([1] RJ-45 Male, [1] USB Type A Male)	KV124A-USB	
ServSelect Server Access Modules	Code #	
Flashable		
VT100™ Style	KV123A	
PS/2 Style ([1] RJ-45 Male, [2] 6-Pin Mini DIN Male, [1] HD15 Male)	KV125A	
USB Style ([1] RJ-45 Male, [1] USB Type A Male, [1] HD15 Male)	KV126A	
Sun® Style ([1] RJ-45 Male, [1] 8-Pin Mini DIN Male, [1] HD15 Male)	KV127A	
ServSelect III Cables with Integrated Server Access Modules	Code #	
Non-Flashable		
PS/2 Style ([1] RJ-45 Male, [2] 6-Pin Mini DIN Male, [1] HD15 Male)		
7-ft. (2.1-m)	EHN21000PS2-0007	
10-ft. (3.0-m)	EHN21000PS2-0010	
15-ft. (4.5-m)	EHN21000PS2-0015	
USB Style ([1] RJ-45 Male, [1] USB Type A Male, [1] HD15 Male)		
7-ft. (2.1-m)	EHN21000USB-0007	
10-ft. (3.0-m)	EHN21000USB-0010	
15-ft. (4.5-m)	EHN21000USB-0015	
You will also need...		
For the VT100 Server Access Module		
Power Supply	PS123A	\$65.00

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